



Certificate no: UC-cae81422-2ef7-4aac-ae8c-873c89c064ed

Certificate url: ude.my/UC-cae81422-2ef7-4aac-ae8c-873c89c064ed

Reference Number: 0004

## CERTIFICATE OF COMPLETION

# Apache Spark with Scala - Hands On with Big Data!

Instructors **Sundog Education by Frank Kane, Frank Kane, Sundog Education Team**

## Celal Karakoç

Date **Jan. 19, 2026**

Length **9 total hours**